Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1-18. (Canceled)

19. (Previously Presented) An immunogenic population of purified human stress protein-peptide complexes obtained from human tumor tissue excised from a human, wherein said complexes each comprise human gp96 noncovalently associated with a peptide.

20. (Canceled)

21. (Previously Presented) A composition comprising:
(a) a therapeutically effective amount of purified immunogenic human stress protein-peptide complexes obtained from human tumor tissue excised from a human, wherein said complexes each comprise gp96 noncovalently associated with a peptide; and
(b) a pharmaceutically acceptable carrier.

22. (Withdrawn) A method for treating a human having a tumor comprising administering to the human a composition comprising:
(a) an amount of the complexes of claim 19 obtained from human tumor tissue excised from the human, wherein the amount is sufficient to elicit an immune response against the tumor; and
(b) a pharmaceutically acceptable carrier.

23. (Canceled)

24. (Canceled)

25. (Withdrawn) A method for treating a human having a tumor comprising:
(a) purifying the complexes of claim 19 from human tumor tissue excised from the human; and
(b) administering to the human a composition comprising an amount of the purified complexes sufficient to elicit an immune response against the tumor, and a pharmaceutically acceptable carrier.

26. (Canceled)

27. (Canceled)

28. (Withdrawn) A method for eliciting in a human an immune response against a tumor comprising administering to the human a composition comprising:
    (a) an amount of the complexes of claim 19 obtained from human tumor tissue excised from the human, wherein the amount is sufficient to elicit an immune response against the tumor; and
    (b) a pharmaceutically acceptable carrier.

29. (Canceled)

30. (Canceled)

31. (Withdrawn) The method of claim 22 or 25, wherein the complexes are administered to the human in an amount in the range of 1 to 1000 micrograms of complex per kg body weight of the human per administration.

32. (Withdrawn) The method of claim 31, wherein the complexes are administered to the human in an amount in the range of 100 to 250 micrograms of complex per kg body weight of the human per administration.

33. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

34. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19, wherein said complexes are purified by a process comprising:

    (a) lysing cells of the tumor tissue to provide a lysate;
    (b) centrifuging the lysate to provide a clarified supernatant;
    (c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
    (d) eluting said complexes with a buffer comprising α-methyl mannoside.

35. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 34, wherein the Concanavalin A is affixed to agarose beads.

36. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 34, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

37. (Canceled)

38. (Canceled)

39. (Previously Presented) The composition of claim 21, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

40. (Previously Presented) The composition of claim 21, wherein said complexes are purified by a process comprising:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

41. (Previously Presented) The composition of claim 40, wherein the Concanavalin A is affixed to agarose beads.

42. (Previously Presented) The composition of claim 40, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

43. (Canceled)

44. (Canceled)

45. (Withdrawn) The method of claim 22 or 28, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

46. (Withdrawn) The method of claim 22 or 28, wherein said complexes are purified by a process comprising:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

47. (Withdrawn) The method of claim 46, wherein the Concanavalin A is affixed to agarose beads.

48. (Withdrawn) The method of claim 46, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

49. (Canceled)

50. (Canceled)

51. (Withdrawn) The method of claim 25, wherein said purifying step comprises using Concanavalin A affinity chromatography.

52. (Withdrawn) The method of claim 25, wherein said purifying step comprises:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

53. (Withdrawn) The method of claim 52, wherein the Concanavalin A is affixed to agarose beads.

54. (Withdrawn) The method of claim 52, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

55. (Canceled)

56. (Canceled)

57. (Previously Presented) The composition of claim 21, further comprising an adjuvant.

58. (Previously Presented) The composition of claim 57, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

59. (Canceled)

60. (Withdrawn) The method of claim 22, 25, or 28, wherein the composition further comprises an adjuvant.

61. (Withdrawn) The method of claim 60, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

62. (Canceled)

63. (Previously Presented) An immunogenic population of purified human stress protein-peptide complexes obtained from human tumor cells isolated from a human, wherein said complexes each comprise human gp96 noncovalently associated with a peptide.

64. (Canceled)

65. (Previously Presented) A composition comprising:
(a) a therapeutically effective amount of purified immunogenic human stress protein-peptide complexes obtained from human tumor cells isolated from a human, wherein said complexes each comprise gp96 noncovalently associated with a peptide; and
(b) a pharmaceutically acceptable carrier.

66. (Withdrawn) A method for treating a human having a tumor comprising administering to the human a composition comprising:
(a) an amount of the complexes of claim 63 obtained from human tumor cells isolated from the human, wherein the amount is sufficient to elicit an immune response against the tumor; and
(b) a pharmaceutically acceptable carrier.

67. (Canceled)

68. (Canceled)

69. (Withdrawn) A method for treating a human having a tumor comprising:
(a) purifying the complexes of claim 63 from human tumor cells isolated from the human,; and
(b) administering to the human a composition comprising an amount of the purified complexes sufficient to elicit an immune response against the tumor, and a pharmaceutically acceptable carrier.

70. (Canceled)

71. (Canceled)

72. (Withdrawn) A method for eliciting in a human an immune response against a tumor comprising administering to the human a composition comprising:
(a) an amount of the complexes of claim 63 obtained from human tumor cells isolated from the human, wherein the amount is sufficient to elicit an immune response against the tumor; and
(b) a pharmaceutically acceptable carrier.

73. (Canceled)

74. (Canceled)

75. (Withdrawn) The method of claim 66, 69, or 72, wherein the complexes are administered to the human in an amount in the range of 1 to 1000 micrograms of complex per kg body weight of the human per administration.

76. (Withdrawn) The method of claim 75, wherein the complexes are administered to the human in an amount in the range of 100 to 250 micrograms of complex per kg body weight of the human per administration.

77. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 63, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

78. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 63, wherein said complexes are purified by a process comprising:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

79. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 78, wherein the Concanavalin A is affixed to agarose beads.

80. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 78, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

81. (Canceled)

82. (Canceled)

83. (Previously Presented) The composition of claim 65, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

84. (Previously Presented) The composition of claim 65, wherein said complexes are purified by a process comprising:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

85. (Previously Presented) The composition of claim 84, wherein the Concanavalin A is affixed to agarose beads.

86. (Previously Presented) The composition of claim 84, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

87. (Canceled)

88. (Canceled)

89. (Withdrawn) The method of claim 66 or 72, wherein said complexes are purified by a process comprising using Concanavalin A affinity chromatography.

90. (Withdrawn) The method of claim 66 or 72, wherein said complexes are purified by a process comprising:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

91. (Withdrawn) The method of claim 90, wherein the Concanavalin A is affixed to agarose beads.

92. (Withdrawn) The method of claim 90, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

93. (Canceled)

94. (Canceled)

95. (Withdrawn) The method of claim 69, wherein said purifying step comprises using Concanavalin A affinity chromatography.

96. (Withdrawn) The method of claim 69, wherein said purifying step comprises:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

97. (Withdrawn) The method of claim 96, wherein the Concanavalin A is affixed to agarose beads.

98. (Withdrawn) The method of claim 96, wherein said eluting step comprises washing with a buffer comprising 10% α-methyl mannoside.

99. (Canceled)

100. (Canceled)

101. (Previously Presented) The composition of claim 65, further comprising an adjuvant.

102. (Previously Presented) The composition of claim 101, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

103. (Canceled)

104. (Withdrawn) The method of claim 66, 69, or 72, wherein the composition further comprises an adjuvant.

105. (Withdrawn) The method of claim 104, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

106. (Canceled)

107. (Canceled)

108. (Withdrawn) The method of claims 66, 69, or 72, wherein the human tumor cells are leukemic cells.

109. (Canceled)

110. (Withdrawn) The method of claim 108, wherein the leukemic cells are isolated from a human with myelogenous leukemia, monocytic leukemia, or lymphocytic leukemia.

111. (Previously Presented) A composition comprising (a) the immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 and (b) a chemotherapeutic agent or an antibiotic.

112. (Previously Presented) A composition comprising (a) the immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 and (b) a bioactive agent.

113. (Previously Presented) A composition comprising (a) the immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 and (b) a cytokine or an adjuvant.

114. (Previously Presented) The composition of claim 113, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

115. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 wherein the tumor is selected from the group consisting of a sarcoma, a carcinoma, a malignant lymphoma, a myelogenous leukemia, a monocytic leukemia, a lymphocytic leukemia, and a metastasis thereof.

116. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63, wherein the human tumor tissue is from a bronchogenic carcinoma or a metastasis thereof.

117. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 wherein the human tumor tissue is from a melanocarcinoma or a metastasis thereof.

118. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 19 or 63 wherein the human tumor tissue is from a renal cell carcinoma or a metastasis thereof.

119. (Previously Presented) The composition of claim 21 or 65 further comprising a chemotherapeutic agent or an antibiotic.

120. (Previously Presented) The composition of claim 21 or 65 further comprising a bioactive agent.

121. (Previously Presented) The composition of claim 21 or 65 further comprising a cytokine.

122. (Previously Presented) The composition of claim 21 or 65, wherein the tumor is selected from the group consisting of a sarcoma, a carcinoma, a malignant lymphoma, a myelogenous leukemia, a monocytic leukemia, a lymphocytic leukemia, and a metastasis thereof.

123. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 21 or 65, wherein the human tumor tissue is from a bronchogenic carcinoma or a metastasis thereof.

124. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 21 or 65, wherein the human tumor tissue is from a melanocarcinoma or a metastasis thereof.

125. (Previously Presented) The immunogenic population of purified human stress protein-peptide complexes of claim 21 or 65, wherein the human tumor tissue is from a renal cell carcinoma or a metastasis thereof.

126-131. (Canceled)

132. (Currently Amended) The composition of claim 113 ~~or 121~~, wherein the cytokine is selected from the group consisting of IL-1α, IL-1β, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7 IL-8, IL-9, IL-10, IL-11, IL-12, IFNα, IFNβ, IFNγ, TNFα, TNFβ, G-CSF, GM-CSF, and TGFβ.

133. (Canceled)

134. (Withdrawn) A method for making the complexes of claim 19, the method comprising purifying a population of human stress protein-peptide complexes from human tumor tissue excised from a human, wherein said complexes each comprise human gp96 noncovalently associated with a peptide.

135. (Canceled)

136. (Withdrawn) A method for making the complexes of claim 63, the method comprising purifying a population of human stress protein-peptide complexes from human tumor cells isolated from a human, wherein said complexes each comprise human gp96 noncovalently associated with a peptide.

137. (Canceled)

138. (Withdrawn) The method of claim 134 or 136, wherein said purifying step comprises:

(a) lysing cells of the tumor tissue to provide a lysate;
(b) centrifuging the lysate to provide a clarified supernatant;
(c) contacting the supernatant with Concanavalin A under conditions such that the human gp96 protein-peptide complexes in the supernatant are bound to Concanavalin A; and
(d) eluting said complexes with a buffer comprising α-methyl mannoside.

139. (Canceled)

140. (Withdrawn) A method for eliciting in a human an immune response against a tumor comprising:

(a) purifying the complexes of claim 19 from human tumor tissue excised from the human; and
(b) administering to the human a composition comprising an amount of the purified complexes sufficient to elicit an immune response against the tumor, and a pharmaceutically acceptable carrier.

141. (Withdrawn) A method for eliciting in a human an immune response against a tumor comprising:

(a) purifying the complexes of claim 63 from human tumor cells isolated from the human; and
(b) administering to the human a composition comprising an amount of the purified complexes sufficient to elicit an immune response against the tumor, and a pharmaceutically acceptable carrier.

142. (Withdrawn) The method of claim 140 or 141, further comprising administering to the human a chemotherapeutic agent or an antibiotic.

143. (Withdrawn) The method of claim 140 or 141, further comprising administering to the human a cytokine or an adjuvant.

144. (Withdrawn) The method of claim 143, further comprising administering to the human the adjuvant, wherein the adjuvant is selected from the group consisting of pluronic tri-block copolymer, muramyl dipeptide, a muramyl dipeptide derivative, detoxified endotoxin, saponin, a saponin derivative, QS-21, and liposome.

145. (Withdrawn) The method of claim 140 or 141, wherein the tumor is selected from the group consisting of a sarcoma, a carcinoma, a malignant lymphoma, a myelogenous leukemia, a monocytic leukemia, a lymphocytic leukemia, and a metastasis of any of the foregoing.

146. (Withdrawn) The method of claim 140 or 141, wherein the tumor is a bronchogenic carcinoma or a metastasis thereof.

147. (Withdrawn) The method of claim 140 or 141, wherein the tumor is a melanocarcinoma or a metastasis thereof.

148. (Withdrawn) The method of claim 140 or 141, wherein the tumor is a renal cell carcinoma or a metastasis thereof.

149. (New) The composition of claim 121, wherein the cytokine is selected from the group consisting of IL-1α, IL-1β, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7 IL-8, IL-9, IL-10, IL-11, IL-12, IFNα, IFNβ, IFNγ, TNFα, TNFβ, G-CSF, GM-CSF, and TGFβ.